

## SAFETY DATA SHEET

### SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

<b>Product Identifier</b>	<b>DOBATEX AQUA DEGREASER</b>
<b>Other Names</b>	None
<b>Manufacturer's Product Code</b>	81100
<b>Recommended Use</b>	Cleaner

#### Details of Supplier/Manufacturer

Company:	Recochem Inc. ABN: 69 010 485 999
Address:	1809 Lytton Road, Lytton, Queensland 4178
Phone:	(07) 3308 5200 Fax: (07) 3308 5201
Website:	www.recochem.com.au

#### Details of Distributor

Company:	TransDiesel Ltd
Address:	533 Halswell Junction Road, Christchurch 8042
Phone:	0800 848 267
Website:	www.transdiesel.com


#### Emergency Telephone Numbers

Poisons Information:	New Zealand: 0800 764 766
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### SECTION 2 HAZARDS IDENTIFICATION

<b>Hazardous chemical</b>	<i>according to classification by Safe Work Australia</i>
<b>Non-dangerous goods</b>	<i>according to the Australian Code for the Transport of Dangerous Goods by Road and Rail</i>

<b>Signal Word</b>	<b>WARNING</b>
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Hazardous chemical classification	Pictogram	Hazard statement
Flammable Liquids, Category 4	N/A	H227 Combustible liquid
Skin Corrosion/Irritation, Category 2	 EXCLAMATION MARK	H315 Causes skin irritation
Sensitisation - Skin, Category 1		H317 May cause an allergic skin reaction
Serious Eye Damage/Irritation, Category 2A		H319 Causes serious eye irritation
Acute Aquatic Toxicity, Category 3	N/A	H412 Harmful to aquatic life with long lasting effects

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Chronic Aquatic Toxicity, Category 3		
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**Precautionary statements:**

<i>GENERAL</i>	
P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use
<i>PREVENTATIVE</i>	
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P261	Avoid breathing mist/vapours/spray
P264	Wash thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves/eye protection/face protection
<i>RESPONSE</i>	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332 + P313	If skin irritation occurs: Get medical advice/attention
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use foam/water spray/fog for extinction
P391	Collect spillage
<i>STORAGE</i>	
P403 + P235	Store in a well-ventilated place. Keep cool
<i>DISPOSAL</i>	
P501	Dispose of contents/container in accordance with local regulations

**SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS****Ingredients Names and Proportions**

Chemical Entity	CAS Number	Proportion (%)
2-Butoxyethanol	111-76-2	10 - 20
D-Limonene	5989-27-5	< 2

**SECTION 4 FIRST AID MEASURES****Description of necessary first aid measures**

Inhalation:	If exposed, remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.
Skin Contact:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If symptoms persist transport to nearest medical facility for additional treatment.
Eye Contact:	If in eyes act promptly. Hold eyes open and flood with water for at least 15 minutes. Transport to nearest medical facility for additional treatment.
Ingestion:	If swallowed in large quantities, transport to nearest medical facility for advice. Do not induce vomiting. If vomiting occurs spontaneously, keep head below

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	hips to prevent aspiration.
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**Symptoms caused by exposure**

Inhalation:	May cause mild irritation to the respiratory system.
Skin:	May include redness, swelling, pain, blisters. May cause sensitisation by skin contact.
Eye:	May include redness, burning, blurred vision or swelling.
Ingestion:	May cause mild irritation.

**Medical attention and special treatment**

Treat symptomatically.

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**SECTION 5 FIRE FIGHTING MEASURES**

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**Suitable extinguishing equipment**

Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth for small fires only. Do not use water in a jet.

**Specific hazards arising from the chemical**

None expected.

**Special protective equipment and precautions for fire fighters**

Combustible liquid. Wear full protective clothing and self-contained breathing apparatus.

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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**Personal precautions, protective equipment and emergency procedures**

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

**Environmental precautions**

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

**Methods and materials for containment and cleaning up**

Slippery when spilt. Transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely in accordance with local regulations.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Handle and open containers with care in a well-ventilated area.

**Conditions for safe storage, including any incompatibilities**

Store in a cool, well-ventilated area. Keep containers closed when not in use.

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**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**Exposure control measures**

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia - 2-Butoxyethanol: 96.9mg/m<sup>3</sup> (20ppm) TWA (8hr) skin, 242mg/m<sup>3</sup> (50ppm) STEL.

**Product: DOBATEX AQUA DEGREASER****Biological monitoring**

No biological limit allocated.

**Engineering controls**

Ensure that adequate ventilation is provided. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

**Individual protection measures**

Eye and face protection:	Wear safety goggles.
Skin protection:	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.
Respiratory protection:	If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
Thermal hazards:	Not applicable.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear pink liquid
Odour:	Characteristic
Odour threshold (ppm):	Data not available
pH:	6.5 typical (1% aqueous solution)
Melting point/freezing point (°C):	Data not available
Initial boiling point and boiling range (°C):	> 100
Flash point (°C):	70 typical
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	Combustible
Upper/lower flammability or explosive limits (%):	Data not available
Vapour pressure (mmHg @ 20°C):	Data not available
Vapour density (air = 1):	Data not available
Density (kg/m <sup>3</sup> @ 15°C):	1000
Solubility in water:	Completely miscible
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	Data not available
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm <sup>2</sup> /s @ 20°C):	10 typical

**SECTION 10 STABILITY AND REACTIVITY****Reactivity**

Stable under normal conditions of use.

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**Chemical stability**

Stable under normal conditions of use.

**Possibility of hazardous reactions**

Stable under normal conditions of use.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

Strong oxidising agents.

**Hazardous decomposition products**

None expected.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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Acute toxicity:	Expected to be of low oral toxicity, LD50 Oral > 2000 mg/kg Expected to be of low dermal toxicity, LD50 Oral > 5000 mg/kg
Skin corrosion/irritation:	Irritating to skin
Serious eye damage/irritation:	Irritating to eyes
Respiratory or skin sensitisation:	May cause sensitisation by skin contact
Germ cell mutagenicity:	Not expected to be mutagenic
Carcinogenicity:	Not expected to be carcinogenic
Reproductive toxicity:	Not expected to impair fertility
Specific Target Organ Toxicity (STOT) – single exposure:	Data not available
Specific Target Organ Toxicity (STOT) – repeated exposure:	Data not available
Aspiration hazard:	Data not available

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**SECTION 12 ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Acute toxicity:

Fish –	Expected to be harmful: LC/EC/IC50 10 - 100 mg/l
Aquatic invertebrate –	No data available
Algae –	No data available
Microorganisms –	No data available

Chronic toxicity:

Fish –	No data available
Aquatic invertebrate –	No data available
Algae –	No data available
Microorganisms –	No data available

**Product: DOBATEX AQUA DEGREASER**

**Persistence and degradability**

Expected to be readily biodegradable.

**Bioaccumulative potential**

Not expected to bioaccumulate significantly.

**Mobility in soil**

Large volumes may penetrate soil and contaminate groundwater.

**Other adverse effects**

No data available.

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**SECTION 13 DISPOSAL CONSIDERATIONS**

Ensure waste disposal conforms to local waste disposal regulations.

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**SECTION 14 TRANSPORT INFORMATION**

<b>UN number:</b>	Not applicable
<b>Proper shipping name:</b>	Not applicable
<b>Australian Dangerous Goods class:</b>	Not applicable
<b>Australian Dangerous Goods packing group:</b>	Not applicable
<b>Hazchem code:</b>	Not applicable

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**SECTION 15 REGULATORY INFORMATION**

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	6
Australian Inventory of Chemical Substances (AICS):	Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	Not applicable
New Zealand HSNO, Classification:	3.1D, 6.3A, 6.4A, 6.5B, 9.1C, 9.1D

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**SECTION 16 OTHER INFORMATION**

Date of preparation:	16/08/2019
Revision number:	1
Changes in this revision:	Initial Issue

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This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Recochem cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Recochem on (07) 3308 5200.

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